

What is claimed is:

1. A method for inhibiting cell adhesion mediated drug resistance in a patient in need thereof, comprising:
administering to said patient an effective amount of a peptide that
5 inhibits cell adhesion mediated drug resistance.
2. The method of claim 1, wherein said peptide comprises at least one D-amino acid.
3. The method of claim 1, wherein said peptide comprises the amino acid
10 sequence:
kmviywkag
or a variant thereof.
4. The method of claim 2, wherein said peptide comprises RZ-3.
5. The method of claim 4, wherein said peptide is RZ-3.
6. A method for enhancing the efficacy of chemotherapy or radiation
15 therapy in a patient in need thereof, comprising:
administering an effective amount of a peptide, wherein said peptide
inhibits cell adhesion mediated drug resistance in said patient;
administering to said patient chemotherapy, radiation therapy, or both;
whereby the efficacy of said therapy is enhanced.
- 20 7. The method of claim 6, wherein said peptide comprises at least one D-amino acid.
8. The method of claim 6, wherein said peptide comprises the amino acid
sequence:
kmviywkag
25 or a variant thereof.
9. The method of claim 7, wherein said peptide comprises RZ-3.
10. The method of claim 9, wherein said peptide is RZ-3.
11. A method for treating cancer in a patient in need thereof comprising:
administering to said patient an effective amount of a peptide, wherein
30 said peptide inhibits cell adhesion mediated drug resistance in said patient; and
administering chemotherapy, radiation therapy or both.
12. The method of claim 11, wherein said peptide comprises at least one D-amino acid.

13. The method of claim 11, wherein said peptide comprises the amino acid sequence:

kmviywkag

or a variant thereof.

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14. The method of claim 12, wherein said peptide comprises RZ-3.

15. The method of claim 14, wherein said peptide is RZ-3.

16. The method of claim 11, wherein said cancer is a myeloma.

17. The method of claim 11, wherein said cancer is multiple myeloma.

18. A peptide comprising D-amino acids and having a sequence:

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kmviywkag

or a variant thereof.

19. A pharmaceutical composition comprising the peptide of claim 14 or a pharmaceutically acceptable salt thereof, in a pharmaceutically acceptable carrier.

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